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agenda items 14.3.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 112

(Headlamps emitting an asymmetrical passing beam)

Transmitted by the expert from the United Kingdom

Note: The text reproduced below was prepared by the expert from the United Kingdom, in order to clarify the situation of the headlamp markings for harmonized driving beam. This document amends document TRANS/WP.29/GRE/2003/35, notably paragraphs 4.2.2.4. and annex 1, footnote 3/. The modified text is marked in **bold** characters.

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

A. PROPOSAL

Paragraph 4.2.2.4., amend to read:

"4.2.2.4. on headlamps meeting the requirements of this Regulation in respect of the driving beam only, the letters "R" for Class A headlamp or "HR" for Class B headlamp or "**HWR**" for Class C headlamp;"

Annex 1, footnote 3/, amend to read (inserting **HWR**):

3/ Indicate the appropriate marking selected from the list below:

C,	C, -->	C, <-->	R,	CR,	CR, -->	CR, <-->
C PL,	C PL, --->	C PL, <--->	R PL,	CR PL,	CR PL, ---->	CR PL, <---->
C/R,	C/R, -->	C/R, <-->	C/,	C/, -->	C/, <-->	
C/R PL,	C/R PL, ---->	C/R PL, <---->	C/PL,	C/PL, --->	C/PL, <-->	
HC,	HC, -->	HC, <-->	HR,	HCR,	HCR, -->	HCR, <-->
HC PL,	HC PL, ---->	HC PL, <---->	HR PL,	HCR PL,	HCR PL, ---->	HCR PL, <---->
HC/R,	HC/R, -->	HC/R, <-->	HC/,	HC/, -->	HC/, <-->	
HC/R PL,	HC/R PL, ---->	HC/R PL, <---->	HC/PL,	HC/PL, ---->	HC/PL, <-->	
HWR	"					

* * *

B. JUSTIFICATION

The current proposal for markings on the harmonized driving beam suggests WR for driving beam in Regulation No. 112 and DH in the Regulation No. 98. Under the adaptive front-lighting system (AFS) the lettering would probably be XWR or XH. There is no obvious pattern to follow.

It would not be desirable to use a large number of letters but for motorcycles Regulation No. 113 has set a precedent with such combinations as WCR-DS.

For that reason, it might be preferable to give a more intuitive system:

Regulation No. 112	HWC HWR HWCR
Regulation No. 98	DWC DWR DWCR
AFS Regulation	XWC XWR XWCR

This would also admit the possibility of mixing harmonized driving beam with non-harmonized passing beam in the same headlamp – i.e. HCWR.

The W appears before the beam type(s) which it refers to.
